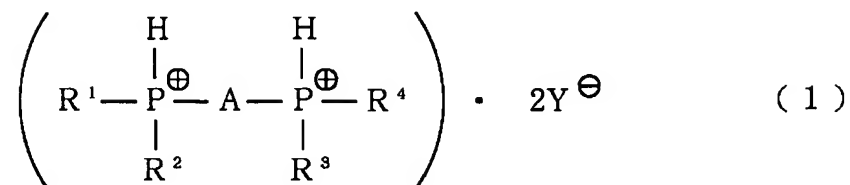


ABSTRACT OF THE DISCLOSURE

A bis-phosphonium salt represented by the following formula (1) is provided:



5 wherein R¹, R², R³, and R⁴ each represent a linear or branched alkyl group, a cycloalkyl group, an aryl group, or an aralkyl group; A represents an alkylene group; Y represents an anion; R¹ and R² may form a ring; R³ and R⁴ may form a ring; and R¹, R², R³, and R⁴ may be the same or different. A process for producing
10 such a bis-phosphonium salt includes a step of allowing a first secondary phosphine and second secondary phosphine to react with a compound in an alcohol solvent selected from a secondary alcohol and tertiary alcohol. The compound is represented by the following formula (5):

